

# Role of Statistics in Sciences Field

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Agricultural activities are quite different from each other, resulting in different branches of like: field crop production, vegetable production, horticulture, fruit growing, etc.

Modern agricultural production is characterized by some particularities and many different activities.

So, it arises different problems and different nature of agricultural materials data which require different approaches to the use of statistical methods.

Statistical principles apply in all areas of experimental work and they have a very important role in agricultural experiments.

Statistics plays an important role in experimentation (Box, Hunter, & Hunter, 1978), while many scientific problems could be solved by different statistical procedures.

Scientists use statistics as a tool, which, when correctly applied, is of enormous assistance in the study of the laws of science.

Nonetheless, statistical methods are useful for students who are preparing themselves for specialisation in their field.

Statistical methods used in agricultural science are useful also for better understanding and explanation of causal relations between existing procedure.

The accent is regarding principles of planning of experiments, analysis of variance, and related tests.

There are two courses of statistics for agricultural economics students.

Initial course is similar to the statistics course for biology students, with addition of topics in demography.

While concerned the improvement of understanding of statistical concepts in teaching statistics it is concluded that computers have proved useful in facilitating any form of statistical analysis, but the easy access to computational facilities could lead to inappropriate analysis.

Got emphasized the importance of the use of statistical methods which could be applied in research work.

There are given some examples of the application of statistics in different

fields of agriculture.

It is possible to conclude that agricultural students reach a satisfactory level of statistical education

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